## Message

From: Gallo, Patty (CONTR) [Patty.Gallo@lm.doe.gov]

**Sent**: 2/3/2017 8:07:41 PM

**To**: 'Spreng - CDPHE, Carl' [carl.spreng@state.co.us]

CC: Moritz, Vera [Moritz.Vera@epa.gov]; lindsay.masters@state.co.us; Ward, David (CONTR) [David.Ward@lm.doe.gov];

Kaiser, Linda (CONTR) [Linda.Kaiser@lm.doe.gov]; Murl, Jeffrey [Jeffrey.Murl@lm.doe.gov]; Surovchak, Scott

[Scott.Surovchak@lm.doe.gov]; Cummins, Laura (CONTR) [Laura.Cummins@lm.doe.gov]

**Subject**: RE: Risk assessment evaluation for chemical constituents

Attachments: removed.txt

Thanks Carl - that's good information. We can discuss this during our meeting next week if you like. At a minimum, I will make sure the new rad SME (Mike McDonald) gets a copy and weighs in.



Patricia Gallo
Environmental Compliance, Rocky Flats Site
Navarro Research and Engineering, Inc.
Contractor to the U.S. Department of Energy
Office of Legacy Management
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720-377-9684
patty.gallo@Im.doe.gov



From: Spreng - CDPHE, Carl [mailto:carl.spreng@state.co.us]

**Sent:** Friday, February 03, 2017 12:47 PM

**To:** Gallo, Patty (CONTR)

Cc: Moritz, Vera (Moritz. Vera@epa.gov); lindsay.masters@state.co.us; Ward, David (CONTR); Kaiser, Linda (CONTR);

Murl, Jeffrey; Surovchak, Scott; Cummins, Laura (CONTR)

**Subject:** Re: Risk assessment evaluation for chemical constituents

Patty et al,

I've attached a file that may be helpful in responding to the allegation that one particle of Pu will cause cancer. Part of the response to the Hei paper is from answers I got from a friend who is a cancer researcher at the CU Medical Center, who in turn got answers from a friend of a friend who is a researcher/professor of radiation biology and cell and molecular biology in the Department of Environmental and Radiological Health Sciences at Colorado State University.

Carl

## Carl Spreng

Corrective Action Unit

| P 303.692.3358   F 303.759.5355   C 303-328-7289<br>4300 Cherry Creek Drive S, Denver, CO 80246-1530<br>carl.spreng@state.co.us   |
|---|
| On Wed, Feb 1, 2017 at 6:27 PM, Gallo, Patty (CONTR) < Patty. Gallo@lm.doe.gov > wrote:  All:   |
| Please find attached two files that contain the risk assessment evaluation for chemical constituents for the Rocky Flats FYR report. The content of these files will be discussed at the upcoming FYR Team meeting on Feb. 7 <sup>th</sup> . Please review for content only as these files have not been tech edited. Note that the files do not contain text regarding the radiological portion of the FYR risk assessment evaluation. |
| The first file contains the chemical portion of the answer to Question B in the main body of the report. The first file also contains a table (Table 4) that presents the RAO status, which provides a summary of the data considered in answering Question A of the report. The second file contains the chemical portion of the Risk Assessment appendix to the FYR report.   |
| I will send out a final agenda for our meeting next week on Monday. I am hoping we can discuss any comments EPA and CDPHE may have on the ARARs table provided at the December meeting (also attached) at our Tuesday meeting as well.  |
| Many thanks.  |
| Paity   |
| Patricia Gallo  |
| Environmental Compliance, Rocky Flats Site  |
| Navarro Research and Engineering, Inc.  |
| Contractor to the U.S. Department of Energy   |
| Office of Legacy Management   |

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